

WHAT IS CLAIMED IS:

1 1. A computer-readable medium or propagated signal having embodied thereon
2 a computer program configured to manage message queues used for transferring messages
3 from a first system executing a first software application of an enterprise information
4 technology system to a second system executing a second software application of the
5 enterprise information technology system, wherein each message queue is used only for one
6 object type, the medium or signal comprising one or more code segments configured to:
7 receive an indication of an object type;
8 identify a message queue used for the object type; and
9 perform a registration-related action on the identified message queue.

1 2. The medium or signal of claim 1 wherein the one or more code segments
2 configured to perform a registration-related action comprise one or more code segments
3 configured to cause de-registration of the identified message queue such that processing of
4 messages from the identified message queue is ceased.

1 3. The medium or signal of claim 1 wherein the one or more code segments
2 configured to perform a registration-related action comprise one or more code segments
3 configured to cause registration of the identified message queue such that processing of
4 messages from the identified message queue is started.

1 4. The medium or signal of claim 1 wherein the one or more code segments are
2 further configured to perform a registration-related action to enable solving a problem with
3 transferring enterprise application data having the object type to the second application.

1 5. The medium or signal of claim 1 wherein identifying the message queue
2 comprises identifying a message queue used for the object type based on a name of the object
3 type being included as part of a name of the message queue.

1 6. The medium or signal of claim 1 wherein identifying the message queue
2 comprises identifying a message queue used for the object type by accessing a data structure
3 having data that associates a name of the message queue and a name of an object type.

1 7. The medium or signal of claim 1 wherein the first software application
2 comprises a sales system.

1 8. The medium or signal of claim 1 wherein a message includes enterprise
2 application data.

1 9. A method for managing message queues used for transferring messages from
2 a first system executing a first software application of an enterprise information technology
3 system to a second system executing a second software application of the enterprise
4 information technology system, wherein each message queue is used only for one object
5 type, the method comprising:
6 receiving an indication of an object type;
7 identifying a message queue used for the object type; and
8 performing a registration-related action on the identified message queue.

1 10. The method of claim 9 wherein performing a registration-related action
2 comprises causing de-registration of the identified message queue such that processing of
3 messages from the identified message queue is ceased.

1 11. The method of claim 9 wherein performing a registration-related action
2 comprises causing registration of the identified message queue such that processing of
3 messages from the identified message queue is started.

1 12. A system for managing message queues used for transferring messages from a
2 first computer system, having a processor connected to a storage device and one or more
3 input/output devices and executing a first software application of an enterprise information
4 technology system, to a second computer system, having a processor connected to a storage

device and one or more input/output devices and executing a second software application of the enterprise information technology system, wherein each message queue is used only for one object type and the processor of the second computer system is configured to:

- receive an indication of an object type;
- identify a message queue used for the object type; and
- perform a registration-related action on the identified message queue.

13. The system of claim 12 wherein processor of the second computer system is configured to cause de-registration of the identified message queue such that processing of messages from the identified message queue is ceased.

14. The system of claim 12 wherein processor of the second computer system is configured to cause registration of the identified message queue such that processing of messages from the identified message queue is started.

15. A computer-readable medium or propagated signal having embodied thereon a computer program configured to manage message queues used for transferring messages from a first system executing a first software application of an enterprise information technology system to a second system executing a second software application of the enterprise information technology system, wherein each message queue is used only for one object type, the medium or signal comprising a generic module with one or more code segments configured to:

- receive an indication of an object type;
- receive an indication of registration-related action to be taken;
- initiate a specific function for identifying a message queue used for the indicated object type and returning a queue name of the message queue used for the indicated object type;
- when the indication of registration-related action to be taken is to register, register the message queue having the returned queue name such that messages in the message queue are processed from the message queue; and

16 when the indication of registration-related action to be taken is to de-register, de-
17 register the queue having the returned queue name such that messages in the message queue
18 cease to be processed from the message queue.

1 16. The medium or signal of claim 15 wherein the registration-related action
2 enables solving a problem with transferring enterprise application data having the object type
3 to the second application.

1 17. The medium or signal of claim 15 wherein a message includes enterprise
2 application data.

1 18. A method for managing message queues used for transferring messages from
2 a first system executing a first software application of an enterprise information technology
3 system to a second system executing a second software application of the enterprise
4 information technology system, wherein each message queue is used only for one object
5 type, the method comprising:
6 receiving an indication of an object type;
7 receiving an indication of registration-related action to be taken;
8 initiating a specific function for identifying a message queue used for the indicated
9 object type and returning a queue name of the message queue used for the indicated object
10 type;

11 when the indication of registration-related action to be taken is to register, registering
12 the message queue having the returned queue name such that messages in the message queue
13 are processed from the message queue; and

14 when the indication of registration-related action to be taken is to de-register, de-
15 registering the queue having the returned queue name such that messages in the message
16 queue cease to be processed from the message queue.

1 19. A system for managing message queues used for transferring messages from a
2 first computer system, having a processor connected to a storage device and one or more
3 input/output devices and executing a first software application of an enterprise information

4 technology system, to a second computer system, having a processor connected to a storage
5 device and one or more input/output devices and executing a second software application of
6 the enterprise information technology system, wherein each message queue is used only for
7 one object type and the processor of the second computer system is configured to:

8 receive an indication of an object type;

9 receive an indication of registration-related action to be taken;

10 initiate a specific function for identifying a message queue used for the indicated
11 object type and returning a queue name of the message queue used for the indicated object
12 type;

13 when the indication of registration-related action to be taken is to register, register the
14 message queue having the returned queue name such that messages in the message queue are
15 processed from the message queue; and

16 when the indication of registration-related action to be taken is to de-register, de-
17 register the queue having the returned queue name such that messages in the message queue
18 cease to be processed from the message queue.